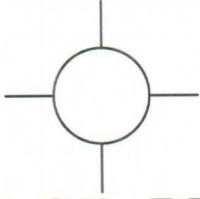


24153

WESTERN OIL PRODUCER
STATE J

1

T20S R36E S29
1650 FSL 1980 FWL
555,002 MCF-MRW
3,351 BO-MRWSamson Exhibit 42
NMOCD Case Nos. 13492/13493
Submitted 8/10/06

Welex COMPENSATED DENSITY

COMPANY: ALPHA TWENTY - ONE PRODUCTION COMPANY
WELL: STATE "J" # 1
FIELD: WILSON
COUNTY: LEA STATE: NEW MEXICO
Location: 1980' FSL & 1620' FSL
Sec: 29 Twp: 20-S Rge: 36-E

Permanent Datum: Ground Level Elev: 3640'
Log Measured From: K.B. - 13 Elev: K.B. 3653'
Drilling Measured From: Kelly Bushing D.P. GL 3640'

Date: 6/23/80
Run No: - One -
Depth - Order: 11,425
Depth - Water: 11,417
Btm Log Int: 11,416
Top Log Int: 5,180
Casing - Order: 9-5/8" @ 5,190
Casing - Water: 5,190
Bit Size: 8-3/4"
Type Fluid in Hole: Brine Water
155,000 PPW CI

Dens. / Visc: 9.9 / 34
pH / Fluid Loss: 7.0 / 200 ml
Source of Sample: Pit

R₁ @ Mean Temp: @ T @ T @ T @ T @ T @ T
T₁ @ Mean Temp: @ T @ T @ T @ T @ T @ T
Source R₁ R₂: Measured
R₂ @ BHT: @ T @ T @ T @ T @ T @ T

Time Since Circ: 9 HOURS
Max. Rec. Temp: 150°F @ 5 H.
Equip. Location: 9433 I Bobbs
Recorded by: Morris
Witnessed by: Mr. Lansford

Welex INDUCTION LOG

COMPANY: WESTERN OIL
WELL: STATE "J" # 1
FIELD: WILSON
COUNTY: LEA STATE: NEW MEXICO
Location: 1980' FSL & 1620' FSL
Sec: 29 Twp: 20-S Rge: 36-E

Permanent Datum: GL Elev: 3640'
Log Measured From: K.B. Elev: K.B. 3653'
Drilling Measured From: Kelly Bushing D.P. GL 3640'

Date: 7-19-80
Run No: 3639
Depth - Order: 12,425
Depth - Water: 12,425
Btm Log Int: 12,425
Top Log Int: 5,000
Casing - Order: 9-5/8" @ 5,190
Casing - Water: 5,190
Bit Size: 8-3/4"
Type Fluid in Hole: Brine

Dens. / Visc: 10.2 / 40
pH / Fluid Loss: 7.0 / 200 ml
Source of Sample: C.I.C.

R₁ @ Mean Temp: 111 @ 88°F @ T @ T @ T @ T @ T @ T
T₁ @ Mean Temp: 106 @ 88°F @ T @ T @ T @ T @ T @ T
R₂ @ Mean Temp: 100 @ 88°F @ T @ T @ T @ T @ T @ T
Source R₁ R₂: Measured
R₂ @ BHT: 60 @ 145°F @ T @ T @ T @ T @ T @ T

Time Since Circ: 10 HOURS
Max. Rec. Temp: 150°F @ 5 H.
Equip. Location: 9433 I Bobbs
Recorded by: L. CHARTER
Witnessed by: Mr. Lansford

